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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/022,265	12/20/2001	Akihiro Teramachi	011733	7661
23850	7590	03/06/2003		
ARMSTRONG, WESTERMAN & HATTORI, LLP 1725 K STREET, NW SUITE 1000 WASHINGTON, DC 20006			EXAMINER MOHANDESI, IRAJ A	
			ART UNIT 2834	PAPER NUMBER
			DATE MAILED: 03/06/2003	

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)
	10/022,265	TERAMACHI ET AL. 
	Examiner Iraj A Mohandes	Art Unit 2834

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

1) Responsive to communication(s) filed on 20 December 2002.

2a) This action is **FINAL**.      2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

4) Claim(s) 1-12 is/are pending in the application.

4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5) Claim(s) \_\_\_\_\_ is/are allowed.

6) Claim(s) 1-12 is/are rejected.

7) Claim(s) \_\_\_\_\_ is/are objected to.

8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on 20 December 2002 is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) The proposed drawing correction filed on \_\_\_\_\_ is: a) approved b) disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.

12) The oath or declaration is objected to by the Examiner.

#### Priority under 35 U.S.C. §§ 119 and 120

13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some \* c) None of:

1. Certified copies of the priority documents have been received.

2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.

3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

a)  The translation of the foreign language provisional application has been received.

15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

#### Attachment(s)

1) Notice of References Cited (PTO-892)      4) Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.

2) Notice of Draftsperson's Patent Drawing Review (PTO-948)      5) Notice of Informal Patent Application (PTO-152)

3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_      6) Other: \_\_\_\_\_

**DETAILED ACTION**

***Priority***

1. Acknowledgment is made of applicant's claim for foreign priority under 35 U.S.C. 119(a)-(d). The certified copy has been filed in parent Application No. JP 2000-388444, filed on 12/21/200.

***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-12 are rejected under 35 U.S.C. 102(b) as being anticipated by

**Tsuboi US patents 6,326,708 B1.**

**Tsuboi'708** discloses slider unit with build in moving linear motor system (1, column 6, line 58, Fig.1, 2) comprising; a first linear motor (12 left, column 6, line 62, Fig.1) having a primary side being mounted to either one of first and second movable elements (62, 11, Fig.1) which are relatively movable with respect to each other; and a secondary linear motor (12 right, column 6, line 62, Fig.1, see also column 9, line 57, plurals sliders 12) having a secondary side mounted to said one of the first and second movable elements (11, 62, Fig.1) so as to extend in the relatively movable direction to be continuous to said primary side of the first linear motor, said second linear motor having a primary side mounted to another one of the first and second movable elements (11 the rail, Fig.1),

and said first linear motor having a secondary side mounted to said another one of the first and second movable elements ( extension of the rail 11,Fig.1) so as to extend in the relatively movable direction to be continuous to said primary side of the second linear motor (Fig.1), the first and second linear motors are inertly composed of linear induction motors (80, with moving coil assembly, column 11,line 52,61,Fig.1) , respectively, in which the secondary sides of the respective linear induction motors are arranged so as to oppose to each other (Fig.1),the first and second linear motors are inherently function able as a linear pulse motors, respectively, in which the secondary sides of the respective linear pulse motors are arranged so as to oppose to each other (Fig. 1), wherein said first and second movable elements are outer and inner rail members (93 ,column11,line 56,Fig.1 the cover )which are relatively movably fitted to each other (see Fig. 1 part 11 and 12 )and said first and second linear motors are arranged between the outer and inner rail members (see Fig.1 the parts 12 and 11 are arranged between the outer and inner ).

### ***Communication***

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Iraj A Mohandes whose telephone number is (703)305-3242. The examiner can normally be reached on M-F.  
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nestor Ramirez can be reached on 703-308-1371. The fax phone numbers

for the organization where this application or proceeding is assigned are (703)872-9314 for regular communications and (703)872-9314 for After Final communications. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)306-0377.

IM

February 24, 2003



MICHAEL J. BASCIO  
SUPPORT SPECIALIST, EXAMINER  
TELEPHONE: (703) 306-0377